

Title (en)

Apparatus for manufacturing multiple-ply paper products by knurling

Title (de)

Vorrichtung zum Herstellen von mehrschichtigen Papierprodukten durch Rändeln

Title (fr)

Dispositif pour l'obtention de produits multi-couche en papier par moletage

Publication

**EP 1533112 A1 20050525 (EN)**

Application

**EP 04025879 A 20041102**

Priority

IT MI20032279 A 20031124

Abstract (en)

An apparatus for manufacturing multiple-ply paper products by knurling, having a knurling wheel unit constituted by one or more knurling wheels (4), each of which cooperates with a contrast roller (5) in order to decorate by knurling at least one paper ply and in order to decorate and join at least two paper plies. Each knurling wheel is provided with relief patterns (7) arranged so that despite appearing to be separate they allow the knurling wheel to have a continuity of contact with the paper and the contrast roller. <IMAGE>

IPC 1-7

**B31F 1/07**

IPC 8 full level

**B31F 1/07** (2006.01); **B31F 5/02** (2006.01)

CPC (source: EP)

**B31F 1/07** (2013.01); **B31F 5/022** (2013.01); **B31F 2201/072** (2013.01); **B31F 2201/0723** (2013.01); **B31F 2201/0733** (2013.01); **B31F 2201/0753** (2013.01); **B31F 2201/0764** (2013.01); **B31F 2201/0782** (2013.01); **B31F 2201/0789** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1533112 A1 20050525**; **EP 1533112 B1 20120919**; ES 2395271 T3 20130211; IT MI20032279 A1 20050525; PL 1533112 T3 20130228

DOCDB simple family (application)

**EP 04025879 A 20041102**; ES 04025879 T 20041102; IT MI20032279 A 20031124; PL 04025879 T 20041102